Supporting Information

Production of 1,4:3,6-Dianhydro-α-D-glucopyranose from Methyl 3,6-Anhydro-α-D-Glucopyranoside and its Taste Identification

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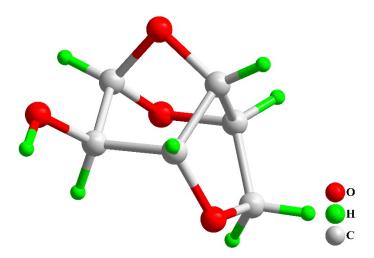
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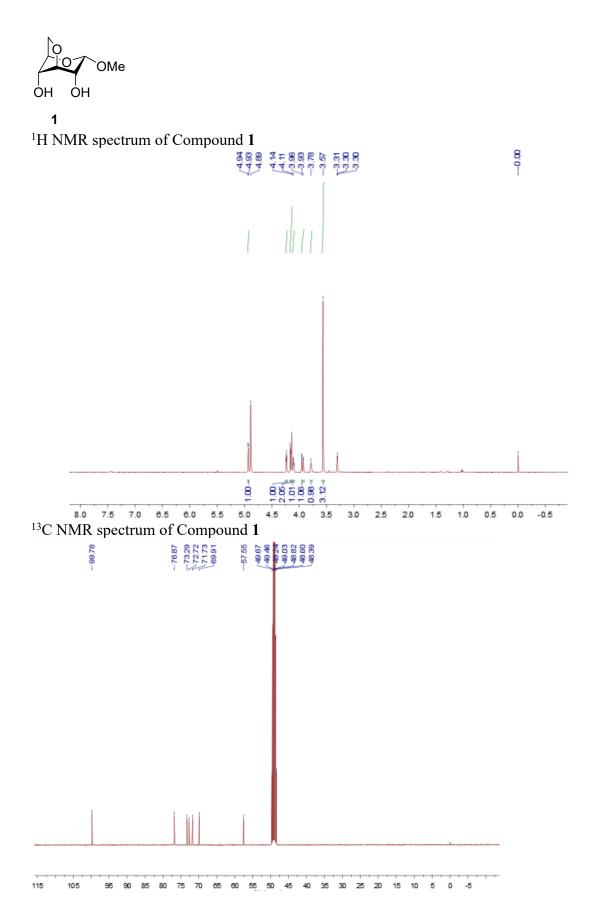
Figure S1 ORTEP drawing of DGP.

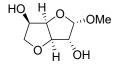


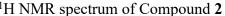
Scheme S1. Design of intramolecular cyclization of 6-*O*-tosyl-glucopyranoside **3** promoted by a catalytic amount of TBAF.

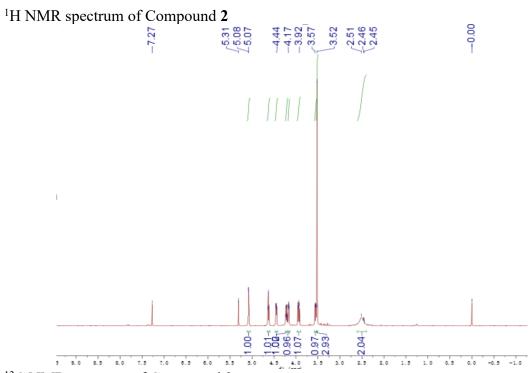
(b) Catalytic Reaction:

NMR Spectral: ÓМе ¹H NMR spectrum of Compound **3** 8.0 7.5 7.0 6.5 6.0 5.5 5.0 13 C NMR spectrum of Compound **3**

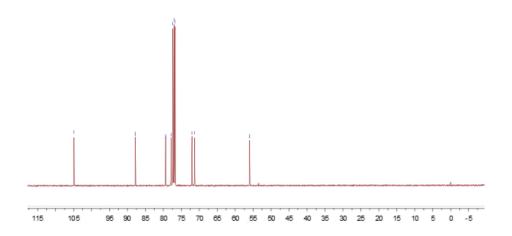








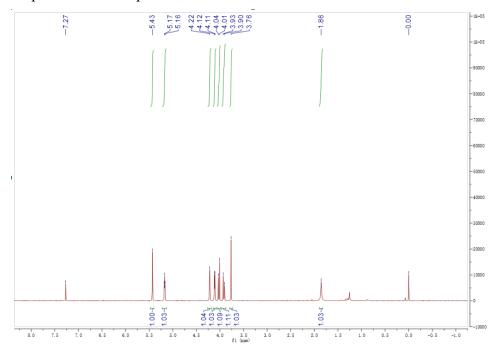




O OH

DGP

^{1}H NMR spectrum of Compound \mathbf{DGP}



13 C NMR spectrum of Compound **DGP**

